

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-47 (cancelled).

Claim 48: (Currently Amended) ~~An apparatus~~A wireless lock system, comprising:
a first electronic key device authorized to unlock an electronic lock device and configured to generate an electronic ticket for providing a second electronic key device authorization to unlock the electronic lock device, the electronic ticket comprising a receiver public key corresponding to the second key device, wherein the ticket is transmittable from the first electronic key device to the second key device and wherein the ticket is electronically signed by the first electronic key device using a private key of the first electronic key device; and
~~the electronic lock device, wherein the electronic lock device is configured to receive the electronic ticket from the second key device and to authenticate the second key device using the receiver public key stored in the electronic ticket prior to disengaging one or more locking mechanisms of the lock device.~~

Claim 49: (Currently Amended) ~~The wireless lock system apparatus~~ according to claim 48, wherein ~~said lock device and said the first key devices~~ is configured to wirelessly connect and communicate using Bluetooth short range communication protocol.

Claim 50: (Currently Amended) ~~The wireless lock system apparatus~~ according to claim 48, wherein said electronic lock device is a virtual lock device in a form of a software module controlling access to digital resources.

Claim 51: (Currently Amended) ~~The wireless lock system apparatus~~ according to claim 48, wherein said electronic lock device stores public keys for a plurality of authorized key holders.

Claim 52: (Currently Amended) ~~The wireless lock system apparatus~~ according to claim 48, wherein the ~~first~~ public key is stored in a plurality of lock devices for which entry is authorized for the first key device.

Claim 53: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 48, wherein a different public key is stored in each lock device for which entry is authorized for the first key device.

Claim 54: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 48, wherein at least one of the first and second key devices comprises a portable wireless device ~~carried by a user.~~

Claim 55: (Currently Amended) The ~~wireless lock system~~apparatus according to claim ~~53~~54, wherein at least one of the first and second electronic key devices comprises a wireless telephone.

Claim 56: (Currently Amended) The ~~wireless lock system~~apparatus according to claim ~~53~~54, wherein at least one of the first and second electronic key devices is wearable by ~~the a~~ user.

Claim 57: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 48, wherein ~~at least one of the first and second key devices~~ includes a power source, a processor, non-volatile memory and a transmitter/receiver unit.

Claim 58: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 57, wherein at least one of the first and second key devices further includes a user authentication device.

Claim 59: (Currently Amended) ~~A wireless lock system,~~An apparatus comprising:
—— a first electronic key device authorized to unlock an electronic lock device and configured to generate one or more electronic tickets, wherein at least one of the one or more tickets is transmittable to a second key device for providing the second key device authorization to unlock the electronic lock device and wherein the at least one of the one or more tickets is

electronically secured by the first electronic key device using a private key of the first electronic key device;

~~the a first~~ second electronic key device configured to receive ~~the at least one electronic ticket transmitted from the a first~~ second electronic key device authorized to unlock an electronic lock device, wherein the at least one received electronic ticket ~~stores~~ comprises a public key corresponding to the ~~second~~ first key device, and wherein the ~~public key at least one electronic ticket is usable~~ configured to authenticate the ~~second~~ first key device with the electronic lock device using the public key prior to the lock device disengaging one or more locking mechanisms of the lock device.

Claim 60: (Currently Amended) The ~~wireless lock system~~ apparatus according to claim 59, wherein said electronic lock device is a virtual lock device in a form of a software module controlling access to digital resources.

Claim 61: (Currently Amended) The ~~wireless lock system~~ apparatus according to claim 60, wherein ~~the at least one of the one or more electronic tickets grants access to at least part of the said digital resources.~~

Claim 62: (Currently Amended) The ~~wireless lock system~~ apparatus according to claim 59, wherein the ~~one or more at least one~~ electronic tickets further ~~comprise~~ includes one or more access limits.

Claim 63: (Currently Amended) The ~~wireless lock system~~ apparatus according to claim 62, wherein the one or more access limits includes time of day.

Claim 64: (Currently Amended) The ~~wireless lock system~~ apparatus according to claim 62, wherein the one or more access limits includes authorization to generate further electronic tickets.

Claim 65: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein the ~~one or more~~ at least one electronic tickets ~~are~~ is transmittable to one or more lock devices.

Claim 66: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 65, wherein said electronic lock device is a virtual lock device in a form of a software module controlling access to digital resources.

Claim 67: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 66, wherein at least one of the ~~one or more~~ electronic tickets grants access to at least part of the digital resources.

Claim 68: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein at least one of the first and second electronic key devices includes a display for indicating the number of available electronic tickets.

Claim 69: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein the ~~one or more~~ at least one electronic tickets includes an expiration date.

Claim 70: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein the ~~one or more~~ at least one electronic tickets includes ~~additional information unrelated to the electronic lock and the first and second key devices~~ a time of day restriction.

Claim 71: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 70, wherein said additional information contains user-related information.

Claim 72: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein the ~~first second~~ electronic key device stores additional information unrelated to the ~~encryption key pair~~ private key.

Claim 73: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 72, wherein said additional information comprises a Social Security number.

Claim 74: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein at least one of the first and second electronic key devices includes a personal identification number.

Claim 75: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein at least one of the first electronic key device, the second electronic key device and said electronic lock device includes authentication information in the form of coded information known to the user.

Claim 76: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein at least one of the first electronic key device, the second electronic key device and said electronic lock device includes authentication information in the form of a physical feature of the user.

Claim 77: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein said electronic lock device stores a list of invalid key devices, and denies authorization to any one of the key devices in the list of invalid key devices.

Claim 78: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein said electronic lock device stores a use counter for n-use electronic tickets.

Claim 79: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 59, wherein said electronic lock device includes an identification number where the identification number is hierarchical in relation to one or more other lock device identification numbers.

Claim 80: (Currently Amended) ~~An apparatus~~A wireless lock system, comprising:

— a first electronic key device configured to generate one or more electronic tickets, wherein a first ticket of the one or more tickets is transmittable to a second electronic key device and wherein the first ticket is electronically secured by the first electronic key device using a private key of the first electronic key device;

an electronic lock device configured to receive, from a first electronic key device, a ticket comprising a public key of the first electronic key device, wherein the ticket is configured to authorize the first electronic key device to disengage one or more locking mechanisms of the electronic lock device using the public key, wherein the ticket is generated by a second key device authorized to unlock the electronic lock device and wherein the ticket is electronically secured by a private key of the second electronic key device.;

— the second electronic key device configured to receive the first ticket from the first electronic key device, wherein the first ticket stores a public key corresponding to the second key device, and wherein the public key is used to authenticate the second key device with the lock device prior to disengaging one or more locking mechanisms of the lock device; and

— an electronic control device connectable to the first electronic key device for loading the private key into the first electronic key device.

Claim 81: (Currently Amended) The ~~wireless lock system apparatus~~ according to claim 80, wherein the electronic lock device is a virtual lock device for controlling access to digital resources.

Claim 82: (Currently Amended) The ~~wireless lock system apparatus~~ according to claim 80, wherein at least one of the first and second electronic key devices is ~~non-not~~ user-interactive with a user.

Claim 83: (Currently Amended) The ~~wireless lock system apparatus~~ according to claim 80, further comprising the second electronic key device, the second electronic key device including wherein the a control device configured to loads the private key into second~~first~~ electronic key device remotely and electronically.

Claim 84: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 80, wherein the control device further loads data into at least one other key device.

Claim 85: (Currently Amended) The ~~wireless lock system~~apparatus according to claim 80, wherein confirmation data is input into the control device which forwards confirmation to the ~~first~~second electronic key device.

Claims 86-91: (Cancelled).

Claim 92: (Currently Amended) A method comprising:
generating a ~~transmittable~~-ticket on a first key device, wherein the first key device is authorized to unlock an electronic lock device, and wherein the ticket comprises a ~~second~~-public key corresponding to ~~the~~a second key device;
electronically securing the ~~transmittable~~-ticket with a ~~first~~-private key of the first key device; and
transmitting the ticket to the second key device, wherein the ticket is configured to authorize the second key device to unlock the electronic lock device.

Claims 93-94. (Cancelled).

Claim 95: (New) The method of claim 92, wherein the first key device is a mobile device.

Claim 96: (New) The method of claim 92, wherein the ticket includes one or more use limits.

Claim 97: (New) The method of claim 96, wherein the one or more use limits includes a time of day restriction.

Claim 98: (New) The method of claim 96, wherein the one or more use limits includes an indication as to whether tickets may be generated by the second key device.

Claim 99: (New) A method comprising:

receiving, at a first key device, a ticket from a second key device, wherein the first key device is authorized to unlock an electronic lock device, and wherein the ticket comprises a public key corresponding to the first key device and wherein the ticket is secured by a private key of the second key device; and

requesting disengagement of one or more lock devices of the electronic lock device using the ticket.

Claim 100: (New) The method of claim 99, wherein the ticket includes one or more use limits.

Claim 101: (New) The method of claim 100, wherein the one or more use limits includes a time of day restriction.

Claim 102: (New) The method of claim 99, wherein requesting disengagement of one or more lock devices of the electronic lock devices includes:

receiving a signal from the electronic lock device;
encrypting the signal using a second private key of the first electronic key device; and
transmitting the encrypted signal and the ticket to the electronic lock device for authentication.